

- 4 Annal Difes and Solardnes (researed

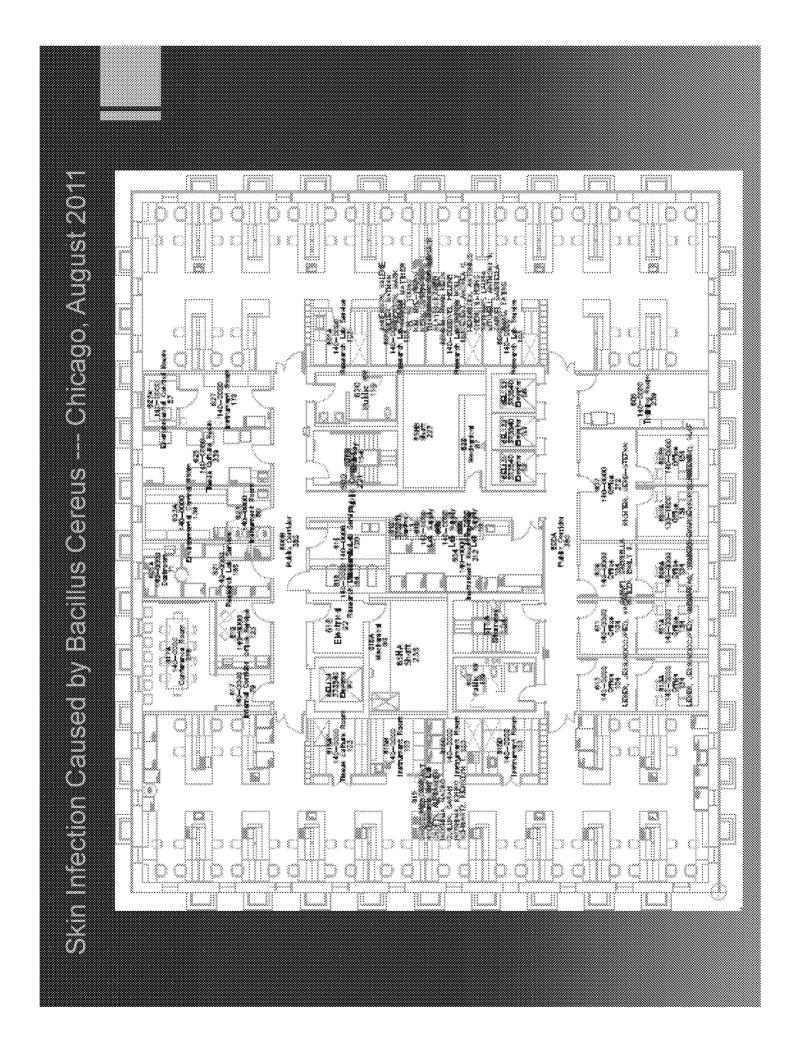
- Biodefense Lab Infection (Brucella) --- April 2007 ■ Texas A&M University Violates Federal Law in
- Altenneted Versine pests Stain -- Onleago
- Salmonella hits US teaching labs (2 at UMass) August 2010 to May 2017
- Sometimenton—Illinois, Politically 2011
- Combining from of a Windrobiology Laboratory

- Select Agent program was shut down in 2007 and

- dejeandent diabates melitus, was evaluated at an outpatient - September 10th the researcherages 60 years with institue olimic for fever brooky stolics, sind corrigh of signicoximisticly 3
- Officergo nospital ED because of rever, cough, and worsailing September 13, the patient was brought by ambulance to a Know particul worked with Select Agents
- " Last day of work in the lab was September 4th

- 73 infections due to Salmonella typhiminim across 35 states
- Many of the Illnesses have been haddodook to olinical or caoming laboratories (2 students at UMass Amherst)
- 60% of them had had some connection with a microbiology Bhoratony in the week before their Illness
- commy, and the ODC investigated frow this may have
- Monkeo in a lato and olio moneger siok. This suggests that the Some of those made ill in the authorak such as young

- Urbania-Champaign, is the first person in the US to come down enii lõng xoriilemesto eviigereus suorejõindosselle xoriwoo ilim A student laboratory worker at the University of Illinois,
- patient was infected by a genetically modified cowpox virus strain in her research lab, one she had never even worked Researchers from the ODO reported that the univarconnated
- obiticant trad declined varonication since she had no intention of ODO recommends smallpox vaccination for all lab workers. Who come in contact with intact of thopoxymuses, a category



- . *Baoillus amhraiois*-Steme^{*}
 - SHOHES SHIJORE
- G9241 (BSL2 W/BSL3 practices)
- Stajohytororowits amenis
 - · Versinia enteroccilitos

2. mangga man Ba

- seuellon/oomom enels/7 •
- Staphylogogous aureus

- 7.4481(010)(21V.C2)(1010)181V

- Salurency, August 27, 2011
- o Paitonii kaiankasi io Tinakianay Dapaniinanii ion assessment of skin lesion

- Sumday, August 28, 2011
- Presumptive identification as *Bacillis gareus,* confirmation lay, ettiniesii simeliitiieseoläiology, tesim oli pootsiitiisilleluoraitolay
- Canomic DNA purified for PCR; results obtained later in day,
- Internal norifications made

- AUDIN ONLINE
- OSHA (Mondey, August 29, 20 M)

- Simory, August 23, 2011 (eont)
- YSU CHISOMXCHO! SICHHOU
- All work on *B. cereus* G9241 suspended except

- Monday, August 29, 2016
- examental modifications. Confidence celly meating dimellae decontemination activities, communications, and SIIIAVƏII BIITAƏ SIITA DVADIN V BAKS SAANVIII ƏS 10 ABIQ
- enh mon bewomen menke 17769 suchep sulhpete -

Welven of Hado nimw beholibnow exhichchnoseleT= Surveillemes amd prophyrexis, laborationy safety.

- development of an ondine sunvey for 6th floor staff to - Continued infection control surveillance including
- isomes year for in violes years.

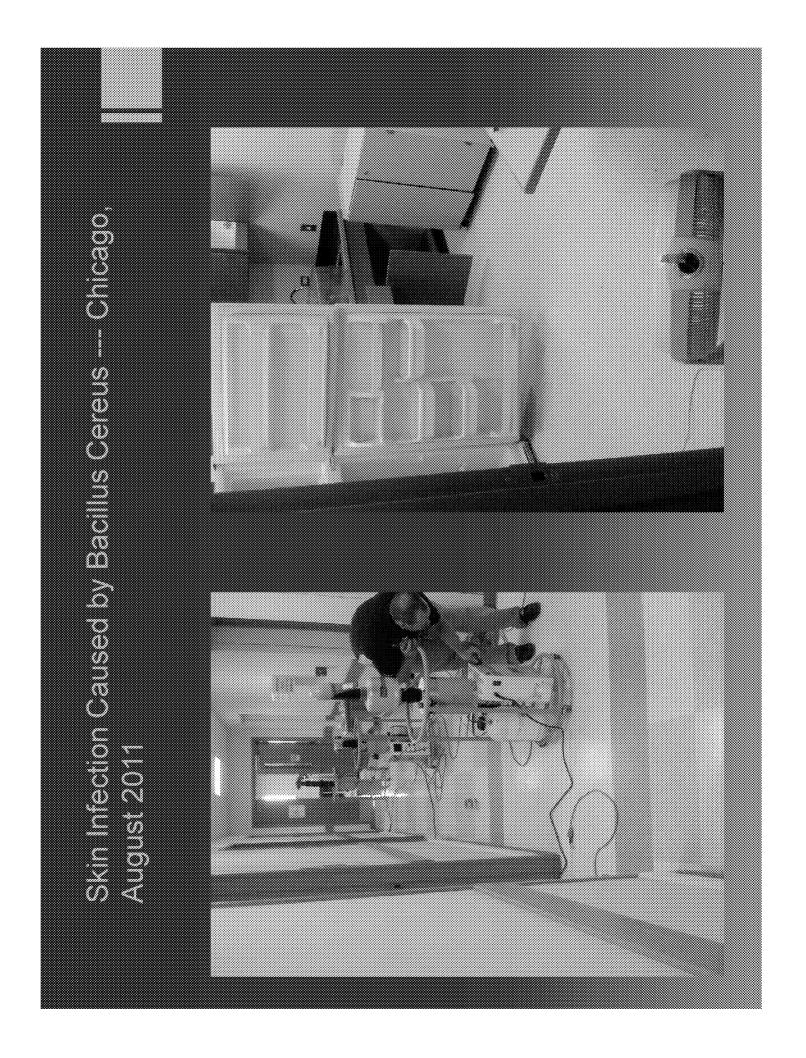
- of the Floor alosure oppuring at the start of the business day. Recents A and B vaccated and secured. The interior office
- ODPH on-site review. Teleconference with ODC.
- Meating with building ordinates to inform them of inclosur

- VHP decomotification

- All more horoks, propiks, propier items disprosed
- All Riosagolies disposse.
- All buffers and media sewered, boffles autocaved and hen placed on surfaceadacomaminated lab banemas.
- Reagant bottles/onfras antoebwae and than placed on surface-deconfaminated ab benches

- (100H HC) SH100H







Skin Infection Caused by Bacillus Cereus — Chicago. August 2011

Decontamination Costs	
SET Environmental	\$44,262.71
Stericycle (waste disposal)	\$2,356.76
Bioquell	\$29,450.00
SUB-TOTAL	\$76,069.47

Facilities Costs		
Otis Elevator	\$2,610.37	
International Test & Balance	\$1,887.50	
HTS (HEF Technical Services)	\$840.00	
Conference Room Furniture Replacement	\$1,245.25	
SUB-TOTAL	\$6,583.12	
8		

Microbiology Costs			
Supply replacement	HTRL	\$22,478.53	
	CLSC	\$110,293.38	
Equipment purchases	HTRL	\$71,933.20	
	CLSC	\$246,144.00	
BSD install costs		\$3,025.00	
Equipment moving costs		\$4,847.90	
SUB-TOTAL		\$458,722.01	

Loss of research*	
Research Tech - 1 FTE for 1 year	\$43,112.00
Research Tech – 1 FTE for 1 year	\$43,112.00
Freezer -80*C	\$6,200.00
SUB-TOTAL	\$92,424.00

Total Cost Estimate: \$633,798.60

- Standard Praditoes Special Preditoes
- OSE SING EQUIDING III (CS) BSO
- Occupational exposure and first allot. Health watch.

- BSC start-up, working in a BSC and BSC strik-down

- PROGRAMMATIC IMPROVEMENTS

t Sagragation of agains

- All *Bawillus* so, moved to Ricketts Lab. (all spote-formers)
- Baoillus pereus pBOXON+ straims moved to BSL3.
- *Yersinia enterocolitica* moved to Ricketts (BSL2)
- Only *Staphylogons auren*s remains in large lab A

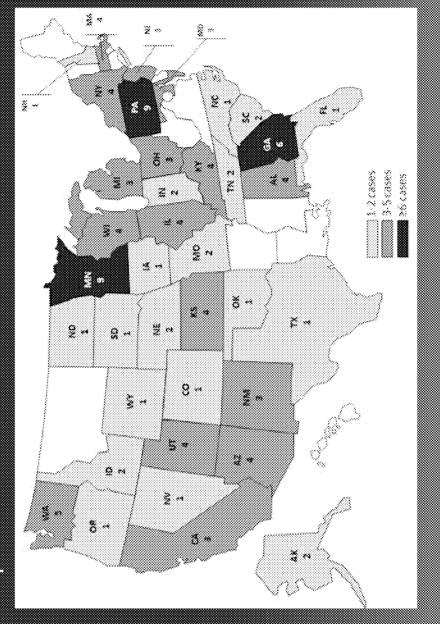
- o 6 addilional BSOs, 3 placed in cardi large lab on 6

- 3. RobustOcempational Medicine program is essential
- 4. Basic Infection control practices and adherence to BSL2

- VEHEANIATSUS TON) OTHEROSES OF TEACHER SESSOII FIGURE T

- for the Illness despite ODC recommendations to the contrany meningiliks sitaini resistami to vaodine and washit vaodinated The responditor was indiging to devalop a vaccoine for a
- consciousness in the car and died in the hospital of a heart Richard Din fell III with a headache and oither flu-like ne was rushed to the nospital by friends. Din lost aircick at aloum 2 jum
- The was an excellential worker and very featiblions and their

moliviolitals infected with strain X of Sa*lmonella* Typhimillium - Between August 20, 2010 and June 29, 2011, a total of 109 Sejiejs 🥴 Illojii pejilojijeji ejie///



- infections with a particular pulsed-field get electrophoresis detected a multistate cluster of *Salmonella* Typhimurium • On October 30, 2010, PANSANO, the national molecular Subity office matwork for foodbounts allsesse sunveillennes
- Initalica molyiduals rangca in age irom less than 1 year to 94 simplified to the the major. Twelve perophism of patterns were female. years old, and the median age was 21 years. Sixiy-one were hospitalized. One death was reported
- microbiology becoming instructive with informations agains like

- espeopliky young officien, even if they have neveryised the Be aware that bacteria used in microbiology laboratories can make you or others who live in your household sick,
- If your work in a laboratory, it is possible for you to bring backers from your to bring
- Avoid talding laboratony supplites outside of thalaboration (i
- ociona losving hina midroloifology kabioratory ameliollow propa

- elothing when working in a microbiology laboratory. Ramova oroteorive grimient before leaving formon-bootelowy areas Wear a lab coat or other protective garment over personal
- Watch for symptoms of Saladasia are also alloh as diarrhea, fever, and abdominal gramps. Call your health care provider if aboratory, be aware that these baorena can make you sick a If you work with *Salmonella* bacteria in a midrobiology Voluence formity michiele has any of hiese symbioms.
- and abdominal oramps 12 to 72 hours after infedition. The illness Most persons infected with *Salmonella* develop diarrinea, fever kesiment However in some persons the deimics mey be so severe that the patient needs to be nospitalized. Salmonella ISUEILY IESIS 41 to 7 days, and most parsons recover withrour

- ■ Tither non-pathrogenic or attenuated bacterial strains
- hazarok amd traimed and profident in the practices and Persons working with infectious agents, including Salmonolia badana musi ba awara oi golamia
- All Students and employees using the bookstory should

- The most allow food, drimks of personal items like daily while working in the laboratory or placed on
- ADIDIOIG IDIOIC SOIGE DIES DIES DIES